

4000 Plus™

Ambulatory Infusion System

Product Catalog



When it comes to IV medication delivery, you need a sophisticated and safe ambulatory infusion pump. The 4000 Plus Ambulatory Infusion Pump is designed with those needs in mind. Ease of use, safety, versatility and a high resolution of flow make the 4000 Plus ideal for multiple infusion profiles.

4000 Plus™

Ambulatory Infusion System

Tubing guide for
easy set placement

Sophisticated

- Continuous resolution of flow at 2 microliters per pulse helps provide a smooth delivery profile.
- Up to 6000 recorded event history file allows for precise data management.
- Quick Repeat feature provides for auto review of program which helps facilitate quick setup times.
- Recorded forward pressure data helps predict catheter replacement time.

Safe

- Non-DEHP administration sets with integrated free-flow protection helps prevent inadvertent free-flow.
- Selectable lock levels help ensure the integrity of the system.
- PCA titration control helps reduce the risk of over-infusion.
- Upstream pressure sensor helps protect from over-infusion due to excess bag pressure.

Versatile

- 5 mode delivery capability allows you to standardize on one pump.
- The ability to use syringes* and bags provides for flexibility in source containers.
- Suitable for hospital and alternate site settings.
- May be programmed for multiple therapies including continuous, TPN, intermittent, variable and PCA.

Cost-effective

- Energy efficient C-cell batteries provide a low cost power supply.
- Low cost straight-line sets help decrease overall burden of infusion setup.

Exclusively designed
integral Flow-Stop
for free-flow
protection

Ambulatory Infusion Pump Kit

REF
350-1000

Description

- 1 - Curlin 4000 Plus Ambulatory Infusion Pump
- 2 - "C" size alkaline batteries
- 1 - AC power adapter/charger
- 1 - Hard carrying case
- 1 - User's Manual

* For syringe types, contact manufacturer for details.

PCA Kits



350-1102 PCA Kit (250ml or syringe)
Includes:
1 Lockable Safety Shell
(for 250 ml bag or syringes*)
1 Lockable Pole Clamp
1 Remote Bolus Switch

350-1105 PCA Kit (500ml or syringe)
Includes:
1 Lockable Safety Shell
(for 500 ml bag or syringes*)
1 Lockable Pole Clamp
1 Remote Bolus Switch



350-1104 PCA Kit (150 ml)
Includes:
1 Lockable Safety Shell
(for 150 ml bags or smaller)
1 Lockable Pole Clamp
1 Remote Bolus Switch



350-1103 PCA Labor and Delivery Kit
Includes:
1 Pump Holster
1 Standard Pole Clamp
1 Remote Bolus Switch

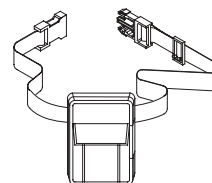
Accessories

REF

Description

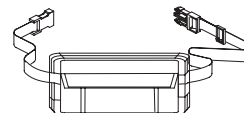
340-0107

Soft fanny pack - small (150 mL)



340-0112

Soft fanny pack - large (250/500 mL)

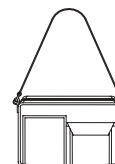


340-0108

Soft shoulder pack (1000 mL)

340-0098

Soft pouch for safety shell - 150 mL (for use with 340-0108)


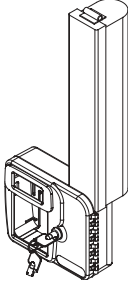
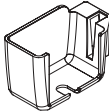
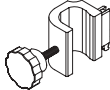
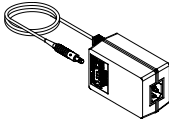
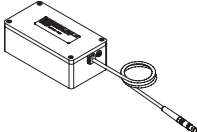




340-0109

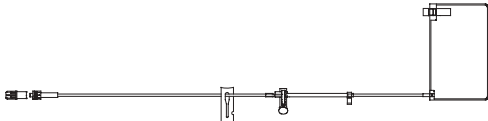
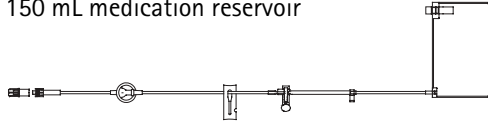
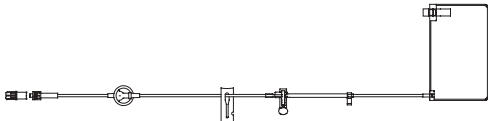
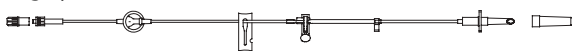
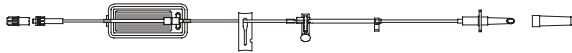

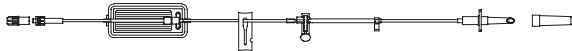
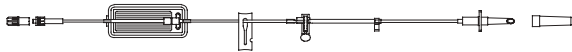

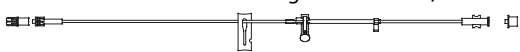
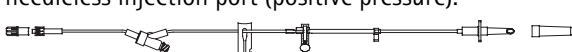
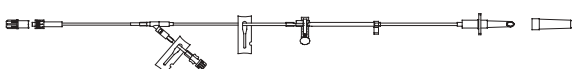
Soft back pack (4000 mL)

* For syringe types, contact manufacturer for details.

Accessories (continued)

REF	Description	
340-0106	Lockable safety shell (150 mL)	
340-0126	Lockable safety shell (250 mL/syringes)	
340-0136	Lockable safety shell (500 mL/syringes)	
340-0111	Pump holster	
340-0104	Standard pole clamp	
340-0125	Lockable pole clamp	
340-2022	International AC adapter	
340-2006	External battery pack	
340-2005	Remote bolus switch and cable	
340-2018	Data interface cable	
340-0091	Battery door replacement	
340-0110	Hard carrying case	

Administration Sets

REF	Description	Set Length	Fill Vol.	Quantity per Case
340-4111	Non-DEHP Microbore tubing with 150 mL medication reservoir	84 in.	4 mL	20
				
340-4119	Non-DEHP Microbore tubing with vented 0.22 micron filter and 150 mL medication reservoir	84 in.	5 mL	20
				
340-4127	Non-DEHP Epidural yellow-striped tubing with vented 0.22 micron filter and 150 mL medication reservoir	84 in.	5 mL	20
				
340-4126	Non-DEHP Epidural yellow-striped tubing with non-vented bag spike and vented 0.22 micron filter	84 in.	5 mL	20
				
340-4128	Non-DEHP tubing with non-vented bag spike and vented 1.2 micron filter	92 in.	7 mL	20
				
340-4128-V	Non-DEHP tubing with non-vented bag spike and vented 1.2 micron filter with add-on check valve	92 in.	7 mL	20
				
340-4130	Non-DEHP tubing with non-vented bag spike and vented 0.22 micron filter	92 in.	7 mL	20
				
340-4130-V	Non-DEHP tubing with non-vented bag spike and vented 0.22 micron filter with add-on check valve	92 in.	7 mL	20
				
340-4114	Non-DEHP microbore tubing with non-vented bag spike	92 in.	4 mL	20
				
340-4115	Non-DEHP microbore tubing with female/male luer locks	91 in.	4 mL	20
				
340-4133	Non-DEHP microbore tubing with non-vented bag spike and needleless injection port (positive pressure).	92 in.	4 mL	20
				
340-4134	Non-DEHP microbore tubing with non-vented bag spike and Y-site with check valve.	92 in.	5 mL	20
				

Specifications

Type of device	Multiple-therapy electronic, ambulatory infusion pump.
Therapies delivered	Continuous PCA with IV, Epidural or Sub-Q delivery TPN (ramp and taper) Intermittent Variable (24 specified doses)
Mechanism	Curvilinear peristaltic
Size	5.0" x 4.0" x 2.5"
Weight	17.5 oz.
Accuracy	± 6%
Flow rates	0.1ml to 400ml/hr.
Volume limits	1.0ml to 9,999ml
KVO rates	0.0 to 10ml/hr.; default to 0.1ml/hr.
Power sources	2 "C" alkaline batteries; A/C; External rechargeable battery pack
Battery life	Nominal 10 hrs. @ 400ml/hr. Nominal 85 hrs. @ 2ml/hr. Nominal 30 hrs. @ 125ml/hr.
Alarms	Infusion complete, air-in-line (selectable), occlusion upstream, occlusion down stream, door open, set not installed, unattended pump, replace set, high upstream pressure, empty battery
Alerts	Alert messages help the user in correcting operations
Disposables	Non-DEHP PVC administration sets with integral free-flow protection
Accessories	Remote PCA bolus cord, Rechargeable battery pack, Soft carry packs, Lock boxes (150ml and 250ml for IV bags and syringes), Pole mounts, Data interface cable
Additional features	RS232 Data interface port; Titration in Continuous and PCA Modes; Four lock levels for security; Unused therapies can be locked out; HELP screens; Printable history log; Approvals: UL 2601-1 classified and CSA C22.2 no. 601.0; UL 544 listed and CSA C22.2 no. 125; EMC certified per EN 60601-1-2 and EN 60601-2-24.

For Clinical/Technical/Service questions, please contact:

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